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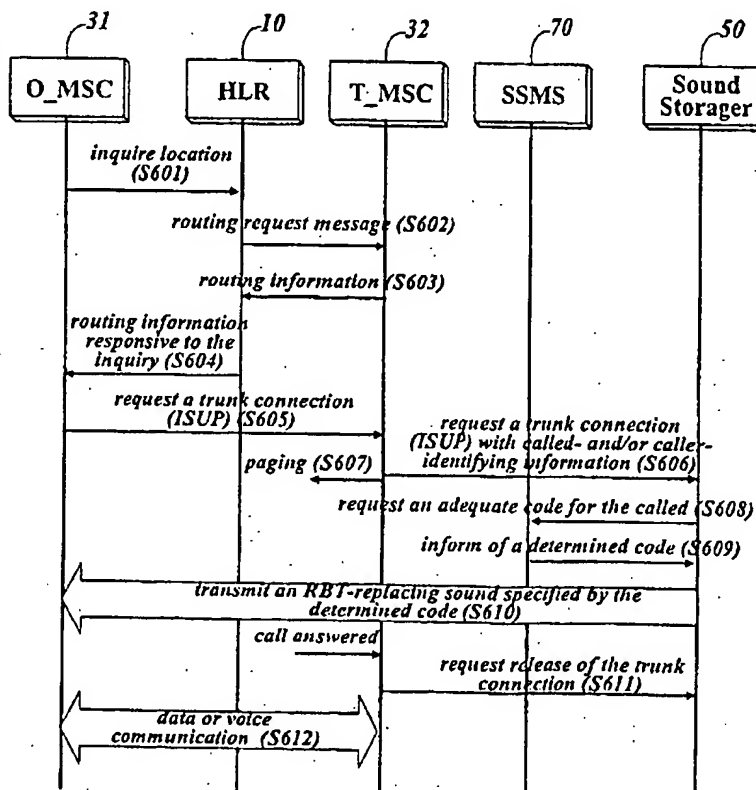
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(54) Title: METHOD FOR PROVIDING SUBSCRIBER-BASED RINGBACK TONE WITH NO PROGRESS TONE



(57) Abstract: The present invention relates to method for providing a calling subscriber with an arbitrary sound chosen by a called subscriber instead of a common ringback tone (RBT) with no progress tone. In this present invention, if a call is generated, a terminating exchanger starts paging of the called and simultaneously requests a trunk connection to a sound db server without waiting acknowledgement of the paging from the called based on the first information on whether or not to replace an RBT and the second information on a route to the sound db server that have been received from a home location register (HLR), and provides a called subscriber identification for the sound db server. Then, the sound db server searches its db for a sound specified by the called, and provides the found sound for the caller instead of a conventional RBT via the terminating exchanger connected through a trunk. Through this sequential procedure of network elements, a caller can hear a sound specified by a called instead of a dry RBT with no progress tone.

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## ABSTRACT OF THE DISCLOSURE

The present invention relates to method for providing a calling subscriber with an arbitrary sound chosen by a called subscriber instead of a common ringback tone (RBT) with no progress tone. In this present invention, if a call is generated, a terminating exchanger starts paging of the called and simultaneously requests a trunk connection to a sound db server without waiting acknowledgement of the paging from the called based on the first information on whether or not to replace an RBT and the second information on a route to the sound db server that have been received from a home location register (HLR), and provides a called subscriber identification for the sound db server. Then, the sound db server searches its db for a sound specified by the called, and provides the found sound for the caller instead of a conventional RBT via the terminating exchanger connected through a trunk. Through this sequential procedure of network elements, a caller can hear a sound specified by a called instead of a dry RBT with no progress tone.